

**Option 2  
Form C.1  
Public Health Information Systems  
Trauma Registry Requirements  
Request for Proposal Number 4518Z1**

Req #	Requirement Description
	<b>Operational Experience Requirement</b>
IV.C	Bidder must have a minimum of two (2) years of experience hosting, servicing, and supporting an operational system for the system that they are proposing.
Bidder Response:	
	<b>Project Management Requirements</b>
IV.D.2	Provide Project Management Services. Communicate with project stakeholders to finalize the business requirements. Designate a Project Manager who will communicate with the DHHS's Project Manager to coordinate and schedule the solution implementation, configuration, associated deliverables such as training DHHS staff to enable them to train users, user acceptance testing, and approval of deliverables and any required change management.
Bidder Response:	
IV.D.2	Bidder must provide a general project schedule showing how long each major phase of the project would take to include data migration from the current provider, implementation, configuration, testing, implementation and training.
Bidder Response:	
IV.D.2	After contract award, provide a detailed project schedule.
Bidder Response:	

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Req #	Requirement Description
	<b>Implementation</b>
IV.D.3	Conduct a business analysis, establish a detailed project schedule, establish a test environment and a production environment, system setup, system configuration, data migration and configuration, testing and acceptance, training and assistance during rollout
Bidder Response:	
	<b>General System Requirements</b>
IV.D.4a	Allow data collection, analysis and reporting by authorized users via a web base application using desktops, laptops, tablets and/or smart phones.
Bidder Response:	
IV.D.4b	The systems should be browser independent. It should be capable of functioning on all common browsers.
Bidder Response:	
IV.D.4c	Allow an unlimited number of users, unlimited number of permission groups with an unlimited number of users within each group.
Bidder Response:	

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IV.D.4d	Operate efficiently with all broadband Internet connections.
Bidder Response:	
IV.D.4e	Allow DHHS to have administrative rights to oversee the systems including the ability to configure multiple access rights and security levels based on user privilege, to import/export data, and to configure and generate reports. DHHS shall be able to turn on and off the data elements that are available within a given security level for data searching and reporting to ensure data would not be released inadvertently.
Bidder Response:	
IV.D.4f	Meet or exceed all security including but not limited to the Health Insurance Portability and Accountability Act (HIPAA). The system must be HIPAA compliant in both privacy rules and accepted data formats. Must also include procedures for safeguarding the system from unauthorized modification to the application programs and the data contained in the database.
Bidder Response:	
IV.D.4g	Allow updates in data definitions as requirements change, for example, field names, options to select and formats.
Bidder Response:	

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IV.D.4h	Allow users to create customized data elements with appropriate formats without additional programming by the vendor (flexibility in data capture).
Bidder Response:	
IV.D.4i	Provide hover help for each field when in the record.
Bidder Response:	
IV.D.4j	Have an integrated validation module to ensure data submitted is accurate and valid.
Bidder Response:	
IV.D.4k	<p>Allow the DHHS and authorized users to export data to other data systems in the following formats to include, but not limited to:</p> <ul style="list-style-type: none"> <li>i. XML</li> <li>ii. Microsoft (MS) Access</li> <li>iii. Microsoft SQL: export file requirements <ul style="list-style-type: none"> <li>a. bcp export file of only Nebraska data</li> <li>b. The corresponding bcp format file</li> <li>c. Command line file which calls bcp import to import the exported bcp file into the DHHS database</li> </ul> </li> <li>iv. HL7 Standard where applicable.</li> </ul>
Bidder Response:	

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Req #	Requirement Description
IV.D.4l	Provide a data exchange interface for data to and from other vendors and/or applications.
Bidder Response:	
IV.D.4m	Provide a data analysis engine or a report generator that: <ul style="list-style-type: none"> <li>i. Has the ability to analyze data</li> <li>ii. Allows approved users to generate</li> <li>iii. Statistical information from the aggregate patient care data through an Internet based query tool.</li> <li>iv. Allows for dynamic and customized analysis without additional programming by the contractor</li> <li>v. Creates charts with identifying labels and appropriate scientific units.</li> <li>vi. Provides for exporting into XML schema</li> <li>vii. Provides the ability to export reports into PDF, Excel, and Word formats.</li> </ul>
Bidder Response:	
IV.D.4n	Provide monthly backups of the database accessible to the DHHS for download with the following Microsoft SQL export file requirements: <ul style="list-style-type: none"> <li>i. bcp export file of only Nebraska data</li> <li>ii. The corresponding bcp format file</li> <li>iii. Command line file which calls bcp import to import the exported bcp file into the DHHS database.</li> </ul>
Bidder Response:	

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IV.D.4o	Identify a comprehensive list of hardware and software needed by users at the DHHS, hospitals and field levels to allow access and use of the system.
Bidder Response:	
IV.D.4p	Provide train-the-trainer instruction and materials, webinar-based training for users and on-line user manuals for instruction on use of the application and information on data elements that are current and reflect all updates.
Bidder Response:	
<b>Service, Support And Enhancements Requirements</b>	
IV.D.5a	Provide secure system hosting, maintenance and support for all system functions including help desk support for all users. 24x7x365 support to any user is to be provided.
Bidder Response:	
IV.D.5b	Data is to be housed in servers that are: <ul style="list-style-type: none"> <li>i. Physically secure</li> <li>ii. Backed up on servers in two (2) different locations.</li> <li>iii. Operational 99.8% of the calendar year. Quarterly reports are to be provided that identify operational status during the previous quarter.</li> </ul>
Bidder Response:	

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IV.D.5c	Provide new versions released only after they have been fully tested and found to be error free and at a time that is mutually agreeable with DHHS.
Bidder Response:	
IV.D.5d	Provide timely fixes deemed critical by the DHHS as mutually agreeable with DHHS.
Bidder Response:	
IV.D.5e	Improve the system(s) based on DHHS identification of weaknesses and needed adjustments and provide a timeline for completion by the next contract year. DHHS suggestions for improvements will not be pooled with suggestions from other states. Improvements shall be prioritized based on DHHS' needs.
Bidder Response:	
IV.D.5f	Upgrade systems as the national standards and state requirements are changed at no additional cost to the State.
Bidder Response:	

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IV.D.5g	Transition to International Classification of Disease-10 (ICD-10) shall be completed by October 1, 2014 at no charge to the State. Bidder Response:
IV.D.5h	Have regular maintenance schedule policies to be provided to DHHS that explain when the system would not be available to Nebraska users. Bidder Response:
<b>Data Migration Requirements</b>	
IV.D.6	Migrate data from the DHHS's current provider identifying the length of time needed for conversion, testing and implementation of the proposed system(s) to full operational use by the Department and authorized users. The steps are to include: <ul style="list-style-type: none"> <li>a. Defining data to be extracted;</li> <li>b. Linking/mapping data to fit the new system;</li> <li>c. Testing results;</li> </ul> Importing a complete set of data. Bidder Response:



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Req #	Requirement Description
	<b>Data Ownership Requirement</b>
IV.D.7	All data collected by the system(s) will be owned exclusively by the DHHS and transferrable in a format approved by DHHS to it or its designee upon contract termination/expiration.
Bidder Response:	
	<b>End of Contract Requirements</b>
IV.D.12	The Contractor shall be responsible for end of contract activities at the completion of the contract to ensure that the transition from Contractor operations by the successor Contractor or the DHHS occurs smoothly and without disruption to the DHHS. End of Contract Transition activities will include planning, timely transfer of data and documentation specifically for Nebraska at no additional cost. This obligation survives the termination of the contract.
Bidder Response:	
	<b>Custom Programming</b>
IV.D.13	Provide custom programming to meet Nebraska's specific needs to be performed by the vendor as requested and approved by DHHS.
Bidder Response:	

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Req #	Requirement Description
	<b>Deliverables</b>
IV.F.1	Project Management Plan to include: <ul style="list-style-type: none"> <li>a. Identification and contact information for the contractor's project manager and lead technical specialists assigned to the contract.</li> <li>b. Detailed work plan to include a schedule of activities, milestones and timelines.</li> <li>c. Change control procedures.</li> <li>d. Reporting schedule to identify progress, delays, completions, etc.</li> </ul>
	Bidder Response:
IV.F.2	System Design document that meets DHHS requirements established in the RFP and subsequent Amendments.
	Bidder Response:
IV.F.3	Migration Plan that demonstrates coordination and agreement from the existing DHHS contractor.
	Bidder Response:
IV.F.4	System testing and acceptance to include data migration from the existing DHHS contractor.
	Bidder Response:
IV.F.5	Training Plan.
	Bidder Response:

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Req #	Requirement Description
IV.F.6	Implementation Plan.
Bidder Response:	
IV.F.7	System implementation to include data migration.
Bidder Response:	
IV.F.8	Ongoing service, support and hosting for the Public Health Information System(s) for which the Bidder has been awarded.
Bidder Response:	

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Req #	Requirement Description
<b>Trauma Registry Specific Requirements</b>	
IV.D.1	The Emergency Medical Services (EMS) and Trauma Registry System must be able to exchange data interactively between the two systems by using the national NEMSIS and NTDS standards. For data fields that are not defined in the two national standards, the state EMS and trauma data dictionaries shall be followed.
Bidder Response:	
IV.D.9a	Data is to comply and meet or exceed state and national data set requirements: Trauma data set requirements established in the National Trauma Data Standard (NTDS) and the State Data Dictionary that is available upon request.
Bidder Response:	
IV.D.9b	Be scalable and have a data standard that can be expanded to encompass future data systems and standards. i. Extensible Markup Language (XML) compliant with NEMSIS and NTDS.
Bidder Response:	
IV.D.9c	National trauma databank submission module able to export all required national trauma data elements to the national trauma registry.
Bidder Response:	
IV.D.9d	Import legacy data from third party vendor systems when these facilities convert to the state provided system. Because of the disparate condition of trauma data across the state, it is understood that not all legacy trauma data will be imported, but at the minimum, data fields required by the state trauma rules and regulations shall be imported.
Bidder Response:	

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IV.D.9e	Provide a standard and open importing interface for receiving data from other software products.
Bidder Response:	
IV.D.9f	Security permission protocol codes set to allow DHHS administrators to have, at a minimum, access to DHHS mandated data elements while additional collected information by hospitals used for quality assurance, performance improvement, morbidity and mortality studies be shielded from the DHHS as supported by rules and regulations.
Bidder Response:	
IV.D.9g	Allow hospital users to define the data that is viewable at a state and national level.
Bidder Response:	
IV.D.9h	Must have interface options to allow data exchange to and from other NEMSIS and NTDS compliant systems.
Bidder Response:	

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IV.D.9i	Allow users to search and retrieve certain patient pre-hospital and referring hospital information from State Trauma and/or EMS information systems.
Bidder Response:	
IV.D.9j	<p>Specific Data Analysis requirements:</p> <ul style="list-style-type: none"> <li>i. Provide the user with the ability to apply simple mathematical formulas across data elements. For example, researchers need to be able to take two independent data elements and create a new data field that will contain the sum, difference, average, product, mean, median or quotient of the NTDS data fields.</li> <li>ii. All data fields in the query and analysis section are to be labeled with their appropriate NTDS code. Conversely, the electronic health record should have hover help or some other means of identifying which NTDS data code is being collected. This will allow researchers to easily evaluate and find the proper data elements even if the data fields have been renamed for familiarity with field users.</li> </ul>
Bidder Response:	

**Option 2**  
**Form C.2 – Pricing Summary**  
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<b>DELIVERABLE</b>	<b>COST</b>
Project Management Plan (See IV.F.1)	
System Design Document (See IV.E.2)	
Data Migration Plan (See IV.E.3)	
System Testing and Acceptance (See IV.E.4)	
Training Plan (See IV.E.5)	
Implementation Plan (See IV.E.6)	
System Implementation to include data migration (See IV.E.7)	
Enterprise License Fee (if Applicable)	

**Option 2**  
**Form C.3 – Pricing Summary for Operational Services**  
**Public Health Information Systems**  
**Trauma Registry**  
**Request for Proposal Number 4518Z1**

<b>DELIVERABLES</b>	<b>COST</b>
1 <sup>st</sup> Year Operational Service, Total Price	
2 <sup>nd</sup> Year Operational Service, Total Price	
3 <sup>rd</sup> Year Operational Service, Total Price	
4 <sup>th</sup> Year Operational Service, Total Price	
5 <sup>th</sup> Year Operational Service, Total Price	



**Option 2**  
**Form C.4 – Pricing Summary for Future Custom Programming**  
**Public Health Information Systems**  
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Description	Cost Per Hour
Hourly Rate for any future Custom Programming if required for the Trauma Registry as specified by DHHS. (see IV.D.13)	
Hourly Rate for a System Analyst if required for any future Custom Programming if needed for the Trauma Registry as specified by DHHS. (see IV.D.13)	
Please identify any additional staff and hourly rates needed for future custom programming if needed for the Trauma Registry as specified by DHHS. (see IV.D.13), <b>Provide Detail:</b>	